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SUMMARY OF VITAL STATISTICS

DEPARTMENT OF HEALTH, CITY OF NEW YORK

BUREAU OF RECORDS—STATISTICAL DIVISION

JUN 18 1962
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Population, Births, Marriages, Deaths and Infant Mortality, 1898-1940

Year	Estimated Population July 1st Each Year	Births* Total Reported	Births* Rate per 1,000	Marriages Total Reported	Marriages Rate per 1,000	Deaths Total Reported	Deaths Rate per 1,000	Fetal Deaths Total Reported	Fetal Deaths Ratio to 1,000 Live Births	Infant Mortality Deaths Under One Year	Infant Mortality Rate per 1,000 Births
1898	3,272,000	119,000	36.4	28,885	8.8	66,294	20.3	5,638	47.4	16,770	140.9
1899	3,357,000	116,000	34.6	30,474	9.1	65,343	19.5	5,463	47.1	15,381	132.6
1900	3,446,000	123,000	35.7	32,247	9.4	70,872	20.6	5,815	47.3	16,640	135.3
1901	3,554,000	122,000	34.3	33,447	9.4	70,720	19.9	5,750	47.1	15,467	126.8
1902	3,666,000	127,000	34.6	36,207	9.9	68,085	18.6	6,011	47.3	15,526	122.3
1903	3,781,000	129,000	34.1	38,174	10.1	67,864	17.9	6,078	47.1	14,413	111.7
1904	3,901,000	133,000	34.1	39,436	10.1	78,060	20.0	6,288	47.3	16,125	121.2
1905	4,026,000	135,000	33.5	42,675	10.6	73,714	18.3	6,352	47.1	16,522	122.4
1906	4,167,000	141,000	33.8	48,355	11.6	76,203	18.3	6,646	47.1	17,188	121.9
1907	4,314,000	149,000	34.5	51,097	11.8	79,205	18.4	7,351	49.3	17,437	117.0
1908	4,469,000	146,000	32.7	37,449	8.4	73,072	16.3	7,191	49.3	16,231	111.2
1909	4,632,000	142,000	30.7	41,513	9.0	74,105	16.0	6,697	47.2	15,976	112.5
1910	4,785,000	143,000	29.9	46,417	9.7	76,742	16.0	6,751	47.2	16,215	113.4
1911	4,873,000	141,000	28.9	48,765	10.0	75,423	15.5	6,673	47.3	15,053	106.8
1912	4,961,000	140,000	28.2	51,703	10.4	73,008	14.7	6,619	47.3	14,289	102.1
1913	5,049,000	140,000	27.7	51,268	10.2	73,902	14.6	6,629	47.4	13,780	98.4
1914	5,137,000	140,647	27.4	53,051	10.3	74,803	14.6	6,617	47.0	13,312	94.6
1915	5,225,000	141,256	27.0	50,997	9.8	76,193	14.6	6,413	45.4	13,866	98.2
1916	5,312,000	137,664	25.9	54,782	10.3	77,801	14.6	6,253	45.4	12,818	93.1
1917	5,400,000	141,564	26.2	59,210	11.0	78,575	14.6	6,117	43.2	12,568	88.8
1918	5,488,000	138,046	25.2	56,733	10.3	98,119	17.9	6,793	49.2	12,657	91.7
1919	5,576,000	130,377	23.4	60,256	10.8	74,433	13.3	5,984	45.9	10,639	81.6
1920	5,684,000	132,856	23.4	64,422	11.3	73,249	12.9	6,234	46.9	11,340	85.4
1921	5,812,000	134,241	23.1	60,846	10.5	64,257	11.1	6,297	46.9	9,548	71.1
1922	5,939,000	129,684	21.8	58,192	9.8	69,690	11.7	6,125	47.2	9,666	74.5
1923	6,067,000	129,160	21.3	66,430	10.9	69,452	11.4	6,023	46.6	8,578	66.4
1924	6,195,000	130,436	21.1	62,254	10.0	71,252	11.5	6,448	49.4	8,820	67.6
1925	6,323,000	128,790	20.4	64,826	10.3	71,864	11.4	6,134	47.6	8,315	64.6
1926	6,451,000	125,515	19.5	68,417	10.6	76,082	11.8	6,054	48.2	8,509	67.8
1927	6,579,000	128,889	19.6	66,431	10.1	70,430	10.7	5,895	45.7	7,210	55.9
1928	6,707,000	126,332	18.8	62,424	9.3	78,091	11.6	6,121	48.5	8,280	65.5
1929	6,835,000	124,404	18.2	65,780	9.6	77,482	11.3	5,726	46.0	7,281	58.5
1930	6,944,000	122,811	17.7	63,337	9.1	74,888	10.8	5,700	46.4	7,030	57.2
1931	6,995,000	115,621	16.5	61,574	8.8	77,418	11.1	5,579	48.3	6,427	55.6
1932	7,047,000	109,878	15.6	58,957	8.4	74,319	10.5	5,396	49.1	5,594	50.9
1933	7,101,000	103,500	14.6	60,116	8.5	75,153	10.6	5,347	51.7	5,508	53.2
1934	7,153,000	101,239	14.2	67,347	9.4	75,857	10.6	5,070	50.1	5,287	52.2
1935	7,206,000	100,657	14.0	68,372	9.5	75,057	10.4	4,902	48.7	4,790	47.6
1936	7,258,000	98,507	13.6	72,234	10.0	77,638	10.7	4,992	50.7	4,490	45.6
1937	7,311,000	101,988	13.9	69,417	9.5	77,465	10.6	4,847	47.5	4,457	43.7
1938	7,363,000	102,045	13.9	63,493	8.6	73,775	10.0	4,995	48.9	3,910	38.3
1939	7,415,000	102,261	13.8	62,288	8.4	75,439	10.2	6,831	66.8	3,793	37.1
1940	7,468,000	107,287	14.4	78,487	10.5	76,008	10.2	7,986	74.4	3,749	34.9

* 1898-1913 birth figures are estimated, as the number actually reported was undoubtedly low.

Provisional reports from the Bureau of the Census indicate that New York City's mid-year 1940 population is about 7,392,000. When final figures are available this will necessitate recalculation of the death and birth rates for the past ten years.

Births, Deaths, Maternal Deaths and Fetal Deaths as Reported*—1940

	Estimated Population 1940	Births Reported	Births Per 1,000	Deaths Reported	Deaths Per 1,000	Maternal Deaths Reported	Maternal Deaths Per 10,000 Births†	Fetal Deaths Reported	Fetal Deaths Per 1,000 Live Births
Manhattan	1,890,000	34,582	18.3	26,807	14.2	124	33	2,788	80.6
The Bronx	1,398,000	15,219	10.9	12,051	8.6	30	18	1,428	93.8
Brooklyn	2,702,000	42,191	15.6	25,809	9.6	111	25	2,637	62.5
Queens	1,303,000	12,845	9.9	8,891	6.8	43	31	1,013	78.9
Richmond	175,000	2,450	14.0	2,450	14.0	7	27	120	49.0
City of New York	7,468,000	107,287	14.4	76,008	10.2	315	27	7,986	74.4

* Tabulation of births, deaths and still births, by borough of residence, on next page.

† Live births and fetal deaths.

Births, Fetal Deaths, and Deaths, by Borough of Residence—1940

	N.Y.City	Manh'tan	Bronx	B'klyn	Queens	Rich'd
Live Births	107,287	24,664	19,609	40,364	20,137	2,513
Rate per 1,000 Population	14.4	13.0	14.0	14.9	15.5	14.4
Fetal Deaths†	7,986	2,186	1,651	2,601	1,424	124
Rate per 1,000 Total Births	69.3	81.4	77.7	60.5	66.0	47.0
Deaths Under One Year	3,746	1,038	642	1,319	668	79
Rate per 1,000 Live Births	34.9	42.1	32.7	32.7	33.2	31.4
Deaths Under One Month	2,616	727	473	867	496	53
Rate per 1,000 Live Births	24.4	29.5	24.1	21.5	24.6	21.1
Deaths of Non-Residents	2,454	1,399	450	246	289	70
Total Deaths	76,008	23,725	12,403	26,207	11,704	1,969
Death Rate per 1,000 Population	10.2	12.6	8.9	9.7	9.0	11.3
1. Typhoid and Paratyphoid Fevers	12	1	2	5	4	....
2. Scarlet Fever	14	6	1	5	1	1
3. Whooping Cough	49	9	7	21	12	....
4. Diphtheria	10	5	1	3	1	....
5. Pulmonary Tuberculosis	3,323	1,496	410	978	384	55
6. Other Tuberculosis	304	137	24	101	36	6
7. Malaria	8	3	3	2	....	....
8. Syphilis	1,029	497	118	259	131	24
9. Influenza	128	35	12	45	22	14
10. Measles	3	1	1	....	1	....
11. Typhus Fever	2	....	1	1	....	....
12. Other Infectious Diseases	354	106	52	142	49	5
(a) Meningococcus Meningitis	17	6	2	9	....	....
(b) Acute Poliomyelitis	5	1	2	1	1	....
(c) Epidemic Encephalitis	61	10	12	28	10	1
13. Cancer	12,310	3,736	2,288	4,047	1,954	285
14. Non-malignant Tumors	422	135	66	138	72	11
15. Chronic Rheumatism, Gout	55	18	11	16	9	1
16. Diabetes	3,106	811	567	1,191	471	66
17. Alcoholism	345	209	18	81	27	10
18. Avitaminoses, Other General Diseases and Chronic Poisonings	1,070	338	195	363	152	22
19. Simple Meningitis and Spinal Cord Diseases	235	82	35	84	33	1
20. Intracranial Lesions of Vascular Origin	3,653	995	600	1,277	649	132
21. Other Diseases of the Nervous System and Sense Organs	444	138	70	158	66	12
22. Diseases of the Heart	26,529	7,565	4,397	9,816	4,075	676
23. Other Diseases of the Circulatory System	1,280	386	144	505	193	52
(a) Arterio-sclerosis	953	270	95	410	137	41
24. Bronchitis	131	46	17	41	24	3
25. The Pneumonias	3,410	1,173	554	1,140	445	98
(a) Bronchopneumonia	1,576	464	263	598	210	41
(b) Lobar Pneumonia	1,795	690	282	536	232	55
26. Other Respiratory Diseases (Except Tuberculosis)	367	150	59	99	48	11
27. Diarrhea and Enteritis	326	117	48	137	21	3
(a) Diarrhea and Enteritis Under 2 Years	248	93	33	106	13	3
28. Appendicitis	677	168	108	252	138	11
29. Diseases of the Liver and Biliary Passages	1,547	546	223	462	279	37
30. Other Digestive Diseases	1,583	489	273	549	238	34
31. Nephritis, All Forms	3,545	957	519	1,307	612	150
32. Other Diseases of the Urinary and Genital Systems	1,052	330	191	351	150	30
33. Puerperal Infection*	157	51	19	54	28	5
34. Other Puerperal Causes	158	37	31	48	38	4
35. Diseases of the Skin and Bones	116	34	20	42	16	4
36. Diseases of Early Infancy	2,779	760	508	929	526	56
37. Old Age	16	3	7	3	....	3
38. Suicide	1,263	484	192	346	205	36
39. Homicide	290	165	40	65	16	4
40. Motor Vehicle Accidents	905	308	145	279	157	16
(a) Automobile Accidents	896	307	144	276	154	15
41. Other Accidents	2,980	1,190	425	861	413	91
(a) Sunstroke	8	2	1	2	2	1
42. Causes Not Known or Ill-defined	21	8	1	4	8	....

* Includes causes 140 and 147 of Detailed International List.
† Stillbirths and reported abortions.

Age Distribution of the Population, By Color and Sex, for New York City (Preliminary*): 1940

	Total	White	Non-white
Total, all ages	7,454,995	6,976,649	478,346
0-4	441,984	410,137	31,847
5-9	475,387	440,163	35,224
10-13	445,252	415,440	29,812
14-19	721,902	679,050	42,852
20-24	648,570	605,478	43,092
25-44	2,689,094	2,483,844	205,250
45-64	1,620,845	1,543,756	77,089
65 and over	411,961	398,781	13,180**
Males, all ages	3,686,034	3,462,587	223,447
0-4	225,440	209,766	15,674**
5-9	242,589	224,399	18,190**
10-13	223,266	208,850	14,416**
14-19	358,723	339,087	19,636**
20-24	301,156	285,498	15,658**
25-44	1,313,584	1,218,507	95,077
45-64	834,395	795,199	39,196
65 and over	186,881	181,281	5,600**
Females, all ages	3,768,961	3,514,062	254,899
0-4	216,544	200,371	16,173**
5-9	232,798	215,764	17,034**
10-13	221,986	206,590	15,396**
14-19	363,179	339,963	23,216
20-24	347,414	319,980	27,434
25-44	1,375,510	1,265,337	110,173
45-64	786,450	748,557	37,893
65 and over	225,080	217,500	7,580**

Deaths, New York City, 1940, By Age and Color

	Total	White	Negro	Other Colored
Age (in Years)				
All Ages	76,008	70,177	5,616	215
Under 5	4,402	3,873	514	15
5-9	401	359	42	....
10-14	465	394	67	4
15-19	716	566	149	1
20-24	1,104	849	253	2
25-29	1,429	1,115	307	7
30-34	1,910	1,483	422	5
35-39	2,536	2,071	452	13
40-44	3,723	3,163	533	27
45-49	5,135	4,539	569	27
50-54	6,695	6,088	577	30
55-59	7,575	7,105	442	28
60-64	8,867	8,444	396	27
65-69	9,091	8,741	338	12
70-74	8,631	8,385	237	9
75-79	6,551	6,392	153	6
80-84	4,151	4,052	98	1
85-89	1,897	1,859	37	1
90-94	567	550	17	....
95-99	135	127	8	....
100 and Over	27	22	5	....
Unknown	...	....	....	....

* Based upon a 5 per cent sample.
** Numbers less than 20,000 are based on relatively small samples and are subject to error.

Cases of Reportable Infectious Diseases—City of New York

Year	Pulmonary Tuberculosis	Diphtheria	Measles	Scarlet Fever	Chickenpox	Typhoid Fever	Whooping Cough	Epidemic Meningitis	Poliomyelitis	Syphilis	Gonorrhea	Influenza	Pneumonia	Epidemic Encephalitis
1900	11,997	12,913	19,298	6,683	1,226	2,658	174	7						
1901	13,703	12,329	11,990	16,692	2,437	2,748	113	13						
1902	12,914	15,319	20,251	11,894	3,269	3,871	313	10						
1903	15,214	18,317	13,689	10,887	4,181	3,671	1,066	20						
1904	18,723	18,158	32,861	13,495	4,263	3,412	1,016	482						
1905	20,831	13,686	19,026	8,071	5,473	4,326	2,637	2,755						
1906	20,085	14,757	38,653	7,881	4,467	3,467	2,177	1,032						
1907	19,725	15,276	16,637	15,788	4,308	4,426	1,920	828						
1908	23,325	16,431	38,276	24,426	5,928	3,058	1,182	380						
1909	25,667	15,097	31,950	12,475	6,765	3,499	2,752	346						
1910	32,065	16,940	35,374	18,924	5,534	3,582	2,018	242						
1911	24,513	13,485	25,540	15,794	6,758	3,450	3,210	266	358					
1912	22,752	13,533	39,018	12,716	7,649	3,076	2,132	250	504					
1913	22,674	14,845	29,350	10,739	6,897	2,643	3,529	232	310	10,623	7,440			
1914	21,604	17,129	25,793	11,105	9,632	2,260	3,798	318	129	21,128	9,526			
1915	22,141	15,279	38,186	9,879	8,721	2,455	6,771	174	95	17,335	9,709			
1916	19,297	13,521	21,603	5,814	9,617	1,617	7,460	263	9,023	20,128	6,341			
1917	17,494	12,624	27,519	6,260	7,864	1,442	5,597	322	139	19,833	8,312			
1918	14,439	11,454	28,675	4,460	4,196	1,238	5,558	477	134	17,320	6,538			
1919	14,570	14,014	8,194	4,594	5,326	854	1,658	317	42	19,241	5,677	25,218	10,325	118
1920	14,035	14,166	35,083	6,537	5,534	969	7,530	244	154	19,440	4,535	69,824	25,983	573
1921	12,966	15,110	7,738	13,516	8,041	899	5,808	279	588	14,096	5,287	2,486	14,143	528
1922	13,329	10,427	40,569	10,269	5,738	790	4,799	218	224	13,199	5,599	21,042	19,121	611
1923	11,336	8,050	13,999	8,237	8,671	890	4,484	133	577	16,879	6,817	16,061	15,952	923
1924	11,924	9,687	33,561	8,399	8,260	1,687	8,244	156	344	16,402	6,137	1,753	18,594	465
1925	10,955	9,051	9,483	8,840	7,546	1,417	4,826	120	307	15,630	5,466	1,745	15,651	327
1926	10,498	7,531	39,750	7,968	6,757	913	3,487	170	111	17,700	4,728	5,911	22,661	297
1927	10,873	13,507	2,101	18,339	9,444	762	6,052	177	537	24,324	7,006	2,048	18,273	232
1928	11,614	10,776	35,008	10,586	7,082	688	5,876	1,102	572	25,034	7,431	2,878	21,079	193
1929	11,938	8,548	2,537	7,952	9,264	607	2,944	1,000	71	28,772	8,840	11,121	21,132	173
1930	11,821	3,794	23,635	7,592	7,901	552	4,538	503	78	32,219	9,737	1,010	17,081	100
1931	11,794	3,999	26,519	11,900	9,113	637	8,643	392	4,138	34,894	9,745	4,498	21,116	97
1932	10,589	3,581	10,354	21,093	8,862	598	7,126	207	143	42,315	11,640	3,418	17,835	57
1933	9,991	1,891	36,216	8,262	11,966	588	6,009	114	831	42,242	11,164	2,617	16,972	86
1934	9,990	1,593	5,015	8,820	12,177	378	8,764	102	73	46,276	10,953	899	14,489	51
1935	8,796	1,189	28,490	14,602	10,866	349	8,703	529	2,054	47,659	11,069	622	13,185	69
1936	8,987	1,124	36,548	11,417	8,324	334	4,461	538	34	68,969	14,445	1,396	15,786	37
1937	9,128	1,184	12,091	10,058	12,723	299	4,653	228	243	88,101	17,872	4,181	16,393	55
1938	8,748	700	34,604	8,419	11,112	312	12,232	112	43	37,077*	12,935	447	12,969	38
1939	8,277	543	3,653	6,121	9,103	198	5,821	71	184	32,874	12,810	1,546	16,875	62
1940	8,212	386	10,496	13,569	13,046	171	5,775	48	67	30,718	14,639	791	13,808	28

* Figures prior to 1938 were based on positive laboratory findings and included much duplication. Beginning with 1938 duplicates have, as far as possible, been omitted.

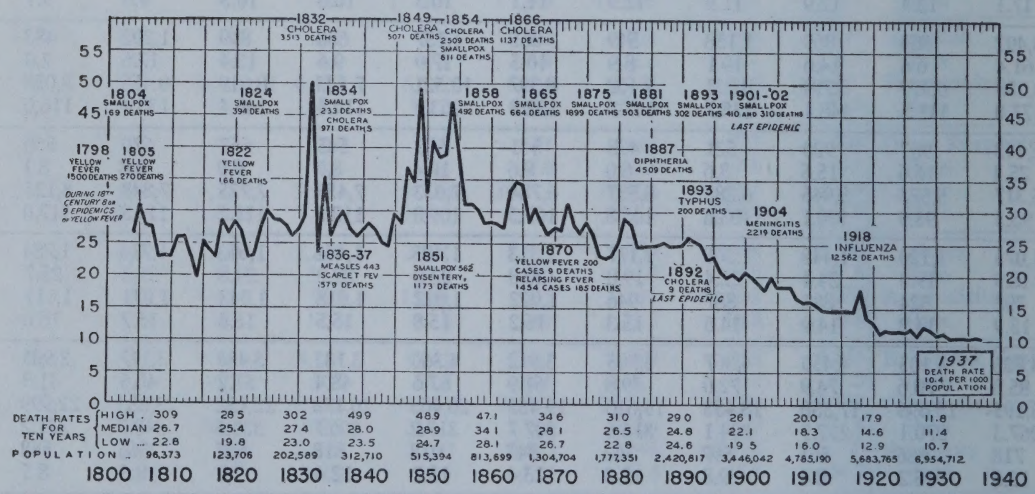
SPECIFIC DEATH RATES, NEW YORK CITY, 1900-1930, INCLUSIVE

Age	1901-'02-'03 Males	1901-'02-'03 Females	1909-'10-'11 Males	1909-'10-'11 Females	1919-'20* Males	1919-'20* Females	1929-'30-'31 Males	1929-'30-'31 Females
0-4	60.3	52.6	50.2	43.2	32.4	26.5	19.4	15.4
5-9	5.8	5.2	4.2	3.9	3.8	3.1	2.5	2.0
10-14	2.8	2.8	2.4	2.3	2.4	2.2	1.7	1.3
15-19	4.8	4.1	3.9	3.1	4.0	3.7	2.6	2.2
20-24	7.3	6.0	5.3	4.6	5.8	5.4	3.4	3.2
25-29	9.5	8.2	6.9	5.9	6.5	6.9	3.8	3.4
30-34	12.6	9.8	9.6	7.6	7.7	7.0	5.1	4.1
35-39	15.1	11.6	13.0	9.3	9.2	7.3	7.0	5.0
40-44	19.0	13.2	16.5	11.2	10.9	9.0	10.1	6.9
45-49	22.0	15.0	20.8	14.3	15.2	12.1	14.8	10.5
50-54	29.2	22.8	26.5	19.1	20.6	16.3	22.0	15.0
55-59	38.8	31.4	37.0	28.8	30.1	24.8	32.0	23.4
60-64	51.4	43.8	51.4	44.1	40.8	33.8	44.7	35.3
65-69	69.9	60.5	68.5	58.9	60.1	55.0	62.0	50.2
70-74	95.8	85.2	89.6	81.2	85.1	79.5	84.3	73.3
75-79	141.0	119.3	127.3	114.4	116.2	107.6	120.7	109.2
80-84	175.9	157.9	167.4	159.6	162.6	143.6	170.9	151.2
85 & Over	252.3	223.0	257.4	232.3	224.8	210.2	242.8	227.5

* As Census date is the midpoint of the period presented, only two years are used for 1919-'20 calculation, the Census having been made on Jan. 1, 1920.

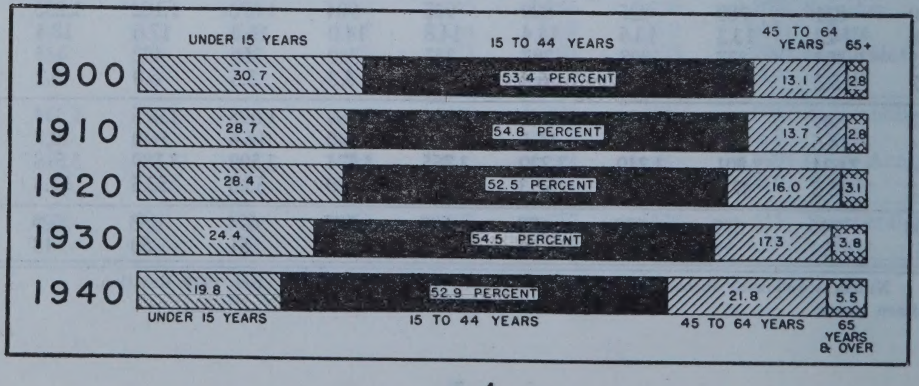
THE CONQUEST OF PESTILENCE IN NEW YORK CITY

DEATH RATE PER 1,000 POPULATION FROM OFFICIAL RECORDS OF THE DEPARTMENT OF HEALTH SINCE 1804


1798 YELLOW FEVER 1500 DEATHS
DURING 18TH CENTURY 8 OR 9 EPIDEMICS OF YELLOW FEVER
1804 SMALLPOX 169 DEATHS
1805 YELLOW FEVER 270 DEATHS
1822 YELLOW FEVER 166 DEATHS
1824 SMALLPOX 394 DEATHS
1832 CHOLERA 3513 DEATHS
1834 SMALLPOX 233 DEATHS CHOLERA 971 DEATHS
1836-37 MEASLES 443 SCARLET FEV 579 DEATHS
1849 CHOLERA 5071 DEATHS
1851 SMALLPOX 565 DYSENTERY, 1173 DEATHS
1854 CHOLERA 2509 DEATHS SMALLPOX 611 DEATHS
1858 SMALLPOX 490 DEATHS
1865 SMALLPOX 664 DEATHS
1866 CHOLERA 1137 DEATHS
1870 YELLOW FEVER 200 CASES 9 DEATHS RELAPSING FEVER 1454 CASES 185 DEATHS
1875 SMALLPOX 1899 DEATHS
1881 SMALLPOX 503 DEATHS
1887 DIPHTHERIA 4509 DEATHS
1892 CHOLERA 9 DEATHS LAST EPIDEMIC
1893 SMALLPOX 302 DEATHS
1893 TYPHUS 200 DEATHS
1901-'02 SMALLPOX 410 AND 310 DEATHS LAST EPIDEMIC
1904 MENINGITIS 2219 DEATHS
1918 INFLUENZA 12,562 DEATHS
1937 DEATH RATE 10.4 PER 1000 POPULATION
55 50 45 40 35 30 25 20 15 10 5 0

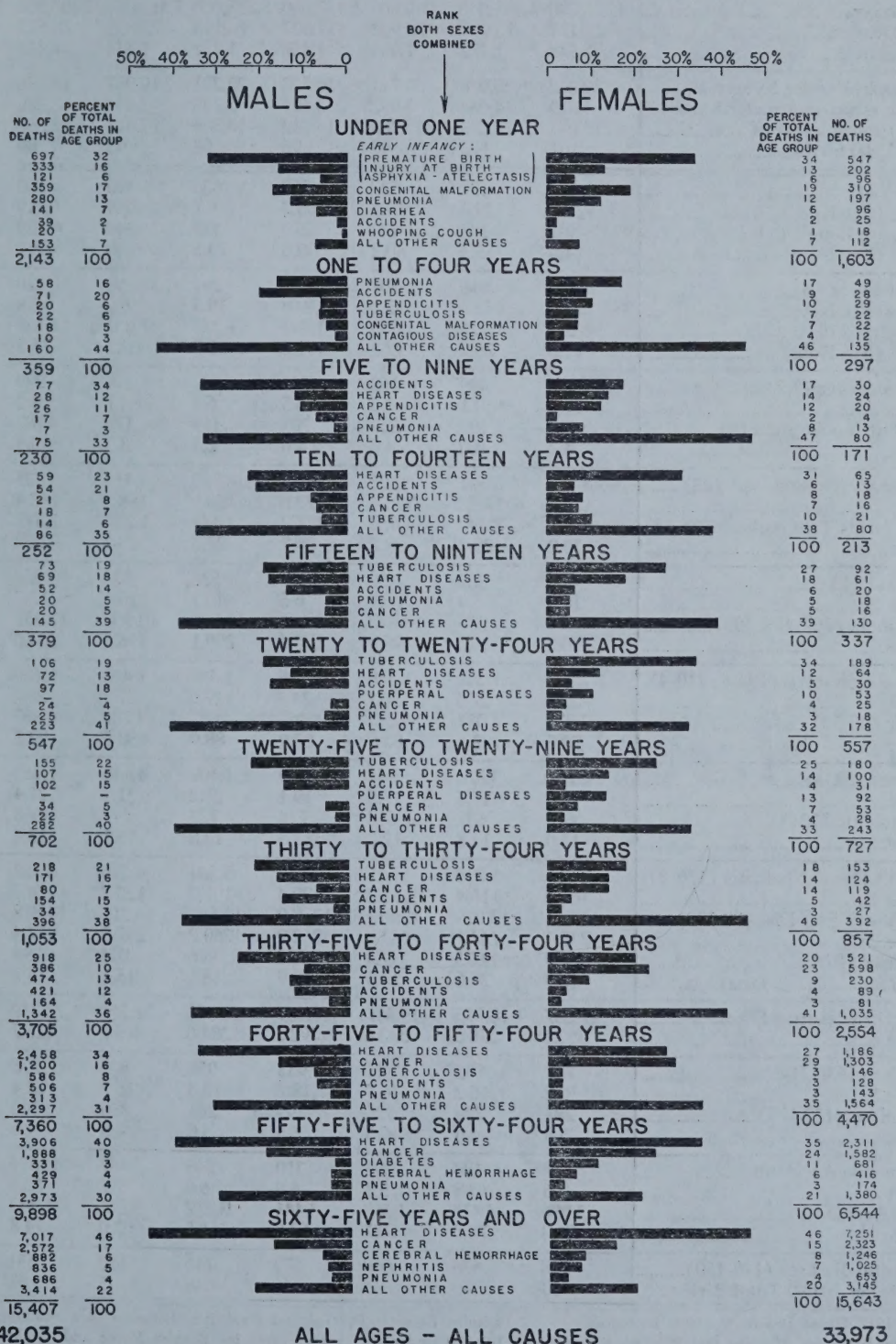
	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940
DEATH RATES FOR TEN YEARS HIGH	30.9	28.5	30.2	49.9	48.9	47.1	34.6	31.0	29.0	26.1	20.0	17.9	11.8		
DEATH RATES FOR TEN YEARS MEDIAN	26.7	25.4	27.4	28.0	28.9	34.1	28.1	26.5	24.8	22.1	18.3	14.6	11.4		
DEATH RATES FOR TEN YEARS LOW	22.8	19.8	23.0	23.5	24.7	28.1	26.7	22.8	24.6	19.5	16.0	12.9	10.7		
POPULATION	96,373	123,706	202,589	312,710	515,394	813,699	1,304,704	1,777,351	2,420,817	3,446,042	4,785,190	5,683,765	6,954,712		

Our Aging Population



CHIEF CAUSES OF DEATH IN CERTAIN AGE GROUPS

BARS INDICATE THE PER CENT EACH CAUSE OF DEATH IS OF TOTAL DEATHS IN THAT GROUP BASED ON 76,008 DEATHS REPORTED IN NEW YORK CITY DURING 1940.



Year	1911	1912	1913	1914	1915	1916	1917	1918	
Population	4,873,000	4,961,000	5,049,000	5,137,000	5,225,000	5,312,000	5,400,000	5,488,000	5
Total Deaths	75,423	73,008	73,902	74,803	76,193	77,801	78,575	98,119	
Death Rate	1,548	1,472	1,464	1,456	1,458	1,464	1,455	1,788	
Total deaths under 5 years	22,242	20,978	20,711	19,530	20,291	19,967	18,256	21,019	
Rate on estim. pop. under 5 years	4,319	4,034	3,952	3,671	3,758	3,664	3,289	3,767	
Deaths under 1 year of age	15,053	14,289	13,780	13,312	13,866	12,818	12,568	12,657	
Per 1,000 births	107	102	98	95	98	93	89	92	
Measles (7)	659	671	628	560	630	490	560	790	
Rate (See Note)	128.0	129.0	119.8	105.3	116.7	89.9	100.9	141.6	
Whooping Cough (9)	384	287	420	279	397	349	489	665	
Rate (See Note)	74.6	55.2	80.2	49.8	73.5	64.0	88.1	119 2	
Scarlet Fever (8)	741	615	507	452	291	96	120	177	
Rate (See Note)	53.0	43.3	35.1	30.8	19.5	6.3	7.8	11.3	
Diphtheria (10)	1,281	1,125	1,333	1,491	1,278	1,031	1,158	1,245	
Rate (See Note)	91.6	79.2	92.2	101.6	85.7	68.1	75.3	79.8	
Typhoid Fever (1.2)	545	499	362	334	332	216	229	196	
Rate	11.2	10.1	7.2	6.5	6.4	4.1	4.2	3.6	
Epidemic Meningitis (18)	203	196	202	207	119	176	187	262	
Rate	4.2	4.0	4.0	4.0	2.3	3.3	3.5	4.8	
Pulmonary Tuberculosis (23)	8,790	8,591	8,601	8,918	8,825	8,411	8,825	8,779	
Rate	180.4	173.2	170.4	173.6	168 9	158.3	163.4	160.0	
Other forms Tuberculosis (24-32)	1,460	1,390	1,430	1,372	1,424	1,237	1,317	1,318	
Rate	30.0	28.0	28.3	26.7	27.3	23.3	24.4	24.0	
Influenza (11)	486	269	350	336	526	853	657	12,562	
Rate	10.0	5.4	6.9	6.5	10.1	16.1	12.2	228.9	
Pneumonia (107, 108, 109)	10,055	9,979	10,042	9,678	10,922	10,568	11,051	20,628	
Rate	206.3	201.2	198.9	188.4	209.1	198.9	204.6	375.9	
Other Respiratory (104-6; 110-4)	1,909	1,362	1,350	1,246	1,424	1,440	1,420	1,543	
Rate	39.2	27.5	26.7	24.3	27.3	27.1	26.3	28.1	
Cancer (45-53)	3,873	4,071	4,223	4,467	4,647	4,701	4,867	4,931	
Rate	79.5	82.1	83.6	87.0	88.9	88.5	90.1	89.8	
Diabetes (59)	739	870	884	979	1,109	1,119	1,153	1,011	
Rate	15.8	17.5	17.5	19.1	21.2	21.1	21.4	18.4	
Appendicitis (121)	633	637	618	710	723	697	668	584	
Rate	13.0	12.8	12.2	13.8	13.8	13.1	12.4	10.6	
Bright's Dis. & Nephritis (130-2)	5,017	5,724	5,615	5,617	5,521	6,546	6,727	5,269	
Rate	103.0	115.4	111.2	109.4	105.7	123.2	124.6	96.0	
Circulatory Sys. Dis. (90-103)	11,611	12,008	12,813	13,469	13,596	14,210	14,818	15,660	
Rate	238.3	242.1	253.8	262.2	260.2	267.5	274.4	285.3	
Apoplexy (82A)	919	1,023	889	1,075	946	804	794	1,042	
Rate	18.9	20.6	17.6	20.9	18.1	15.1	14.7	19.0	
Total Degenerative Diseases*	17.547	18,755	19,317	20,161	20,063	21,560	22,339	21,971	
Rate	360.1	378.0	382.6	392.5	384.0	405.8	413.7	400.3	
Suicides (163-171)	788	802	845	935	958	836	778	724	
Rate	16.2	16.2	16.7	18.2	18.3	15.7	14.4	13.2	
Homicides (172-175)	281	299	326	299	261	256	248	247	
Rate	5.8	6.0	6.5	5.8	5.0	4.8	4.6	4.5	
Automobile Accidents	128	188	293	310	346	407	**674	677	
Rate	2.6	3.8	5.8	6.0	6.6	7.7	12.5	12.3	
Other Accidents	3,986	3,473	3,467	3,441	3,212	3,561	4,042	3,613	
Rate	81.8	70.0	68.7	67.0	61.5	67.0	74.8	65.8	
Puerperal diseases (140-150)	738	676	668	679	710	653	651	664	
Rate per 10,000 Total Births	50	46	46	46	48	45	44	46	

** In 1917 Horse Drawn Vehicles Included. * Includes Bright's Disease and Nephritis, Diseases of Circulatory System,

Note:—Rates for Measles and Whooping Cough per 100,000 under five years; rates for Scarlet Fever and Diphtheria are p

n, Deaths and Death Rates per 100,000 Population, City of New York, 1911 to 1940

19	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
6,000	5,684,000	5,812,000	5,939,000	6,067,000	6,195,000	6,323,000	6,451,000	6,579,000	6,707,000	6,835,000	6,944,000	6,995,0
4,433	73,249	64,257	69,690	69,452	71,252	71,864	76,082	70,430	78,091	77,482	74,888	77,4
1,335	1,289	1,106	1,173	1,145	1,150	1,137	1,179	1,071	1,164	1,134	1,078	1,1
5,744	17,288	13,672	14,847	11,839	12,891	11,442	12,599	9,971	11,760	9,836	9,224	8,9
2,811	3,082	2,441	2,685	2,153	2,335	2,073	2,308	1,820	2,158	1,818	1,721	1,6
0,639	11,340	9,548	9,666	8,578	8,820	8,315	8,509	7,210	8,280	7,281	7,030	6,4
82	85	71	75	66	68	65	68	56	66	59	57	
218	736	165	977	245	506	130	706	37	346	30	154	1
38.9	131.2	29.5	176.7	44.5	91.7	23.6	129.3	6.8	63.5	5.5	28.7	25
161	615	350	268	202	382	307	221	279	347	157	125	2
28.8	109.6	62.5	48.5	36.7	69.2	55.6	40.5	50.9	63.7	29.0	23.3	40
136	220	385	216	107	80	75	77	102	69	68	57	
8.6	13.7	23.7	13.2	6.5	4.8	4.5	4.6	6.1	4.1	4.0	3.4	5
1,239	1,045	891	873	553	714	663	477	717	642	463	198	1
78.2	64.9	54.9	53.4	33.6	43.1	39.8	28.5	42.7	38.1	27.4	11.7	11
121	137	123	129	140	184	199	111	78	87	76	62	
2.2	2.4	2.1	2.2	2.3	3.0	3.1	1.7	1.2	1.3	1.1	0.9	1
171	123	147	110	77	104	94	114	120	540	486	267	2
3.1	2.2	2.5	1.9	1.3	1.7	1.5	1.8	1.8	8.1	7.1	3.8	
7,395	6,165	5,143	5,033	4,951	4,780	4,776	4,828	4,444	4,636	4,507	4,457	4,3
132.6	108.5	88.5	84.7	81.6	77.2	75.5	74.8	67.6	69.1	65.9	64.2	62
1,103	970	779	769	722	801	699	680	696	690	653	632	5
19.8	17.1	13.4	12.9	11.9	12.9	11.1	10.5	10.6	10.3	9.6	9.1	
4,834	3,492	384	869	1,158	549	665	1,157	630	899	1,202	483	9
86.7	61.4	6.6	14.6	19.1	8.9	10.5	17.9	9.6	13.4	17.6	7.0	1
0,977	10,058	6,477	8,794	8,231	9,152	8,397	10,521	7,523	10,019	9,456	8,058	9,2
196.9	177.0	111.5	148.1	135.7	147.7	132.8	163.1	114.4	149.4	138.4	116.0	132
1,187	1,443	967	920	521	498	541	673	545	662	670	560	6
21.3	25.4	16.6	15.5	8.6	8.0	8.6	10.4	8.3	9.9	9.8	8.1	
5,147	5,317	5,573	5,945	6,287	6,557	6,784	7,033	7,455	7,725	7,848	8,125	8,3
92.3	93.5	95.9	100.1	103.6	105.8	107.3	109.0	113.3	115.2	114.8	117.0	119
955	1,075	1,120	1,448	1,360	1,177	1,313	1,485	1,461	1,663	1,726	1,784	1,9
17.1	18.9	19.3	24.4	22.4	19.0	20.8	23.0	22.2	24.8	25.3	25.7	2
690	792	824	883	887	946	1,022	1,022	1,018	1,043	1,071	1,111	1,1
12.4	13.9	14.2	14.9	14.6	15.3	16.2	15.8	15.5	15.6	15.7	16.0	1
5,007	4,833	4,105	4,450	4,367	3,705	3,912	4,360	3,182	3,433	3,177	2,905	2,8
89.8	85.0	70.6	74.9	72.0	59.8	61.9	67.6	48.4	51.2	46.5	41.8	4
4,077	15,195	15,696	17,350	18,453	19,616	19,453	20,463	20,178	22,152	23,283	22,999	23,4
252.5	267.3	270.1	292.1	304.1	316.6	307.7	317.2	306.7	330.3	340.7	331.2	33
811	718	886	501	597	763	847	978	818	667	566	588	6
14.5	12.6	15.2	8.4	9.8	12.3	13.4	15.2	12.4	9.9	8.3	8.5	
19,895	20,746	20,687	22,301	23,417	24,084	24,212	25,801	24,178	26,252	27,026	26,492	26,9
356.8	365.0	356.0	375.5	386.0	388.7	382.9	400.0	367.5	391.4	395.4	381.5	38
703	670	831	789	825	829	935	904	1,073	1,182	1,255	1,403	1,5
12.6	11.8	14.3	13.3	13.6	13.4	14.8	14.0	16.3	17.6	18.4	20.2	2
279	325	303	337	308	387	337	340	366	402	425	494	5
5.0	5.7	5.2	5.7	5.1	6.2	5.3	5.3	5.6	6.0	6.2	7.1	
767	763	849	870	945	961	1,022	1,069	1,095	1,075	1,344	1,290	1,2
13.8	13.4	14.6	14.6	15.6	15.5	16.2	16.0	16.6	16.0	19.7	18.6	1
3,059	2,856	2,634	2,801	3,249	3,239	3,765	3,674	3,509	3,589	3,518	3,578	3,3
54.9	50.2	45.3	47.2	53.6	52.3	59.5	57.0	53.3	53.5	51.5	51.5	4
644	708	746	699	623	678	697	595	694	668	629	667	6
47	51	53	51	46	50	52	45	51	50	48	52	

Apoplexy. Numbers following disease names are numbers of International List. See 1929 Revision.
100,000 under fifteen years.

3 0112 115703677

nclusive

1932	1933	1934	1935	1936	1937	1938	1939	1940	
7,047,000	7,101,000	7,153,000	7,206,000	7,258,000	7,311,000	7,363,000	7,415,000	7,468,000	Population
74,319	75,153	75,857	75,057	77,638	77,465	73,775	75,439	76,008	Deaths
1,054	1,058	1,060	1,042	1,069	1,059	1,002	1,017	1,018	Rate
7,409	7,422	6,726	6,282	5,689	5,618	4,891	4,584	4,402	Deaths—5
1,436	1,490	1,404	1,363	1,269	1,216	1,087	1,045	991	Rate
5,594	5,508	5,287	4,790	4,490	4,457	3,910	3,793	3,746	Infant Deaths
51	53	52	48	45.6	43.7	38.3	37.1	34.9	Rate
58	213	25	105	83	28	42	1	3	Measles
11.2	42.8	5.2	22.8	18.5	6.1	9.3	0.2	0.7	Rate (See Note)
145	128	106	148	48	49	105	38	49	Whooping Cough
28.1	25.7	22.1	32.1	10.7	10.6	23.3	8.7	11.0	Rate (See Note)
134	59	53	76	64	31	17	16	14	Scarlet Fever
7.9	3.5	3.1	4.5	3.8	1.9	1.1	1.0	0.9	Rate (See Note)
210	86	103	68	35	58	26	22	10	Diphtheria
12.4	5.1	6.1	4.0	2.1	3.6	1.6	1.4	0.7	Rate (See Note)
64	70	44	34	33	26	26	22	12	Typhoid Fever
0.9	1.0	0.6	0.5	0.5	0.4	0.4	0.3	0.2	Rate
114	73	73	243	226	101	53	36	17	Epidemic Menin.
1.6	1.0	1.0	3.4	3.1	1.4	0.7	0.5	0.2	Rate
3,997	4,056	3,950	3,968	4,170	3,931	3,481	3,494	3,323	Pul. Tbc.
56.7	57.1	55.2	55.1	63.2 57.5	58.3 53.8	52.1 47.3	51.4 47.1	48.6 44.5	Rate
543	521	470	403	415	333	352	320	304	Other Tbc.
7.7	7.3	6.6	5.6	5.7	4.6	4.8	4.3	4.1	Rate
785	718	373	295	293	468	162	200	128	Influenza
11.1	10.1	5.2	4.1	4.0	6.4	2.2	2.7	1.7	Rate
7,827	7,686	6,755	6,385	6,549	6,504	4,737	4,234	3,410	Pneumonias
111.1	108.2	94.4	88.6	90.2	89.0	64.3	57.1	45.7	Rate
599	480	656	585	590	571	498	523	498	Other Respiratory
8.5	6.8	9.2	8.1	8.1	7.8	6.8	7.1	6.7	Rate
8,573	8,932	9,502	9,969	10,506	10,714	11,160	11,597	12,310	Cancer
121.7	125.8	132.8	138.3	144.8	146.5	151.6	156.4	164.8	Rate
2,116	2,141	2,266	2,255	2,571	2,669	2,650	2,938	3,106	Diabetes
30.0	30.2	31.7	31.3	35.4	36.5	36.0	39.6	41.6	Rate
1,065	1,149	1,006	920	1,049	935	825	800	677	Appendicitis
15.1	16.2	14.1	12.8	14.5	12.8	11.2	10.8	9.1	Rate
2,972	3,638	4,484	4,141	4,041	3,847	3,589	3,353	3,545	Bright's & Nephritis
42.2	51.2	62.7	57.5	55.7	52.6	48.7	45.2	47.5	Rate
23,524	23,541	25,696	22,282	24,093	24,756	25,227	26,672	27,809	Circulatory Sys.
333.8	331.5	359.2	309.2	332.0	338.6	342.6	359.7	372.4	Rate
544	749	602	3,233	3,130	3,025	2,746	2,800	2,700	Apoplexy
7.7	10.5	8.4	44.9	43.1	41.4	37.3	37.8	36.2	Rate
27,040	27,928	30,782	29,656	31,264	31,628	31,562	32,825	34,054	Total Degenerative
383.7	393.3	430.3	411.5	430.8	432.6	428.7	442.7	456.0	Rate
1,595	1,343	1,239	1,170	1,116	1,140	1,246	1,190	1,263	Suicides
22.6	18.9	17.3	16.2	15.4	15.6	16.9	16.0	16.9	Rate
580	541	458	447	380	373	309	303	290	Homicides
8.2	7.6	6.4	6.2	5.2	5.1	4.2	4.1	3.9	Rate
1,179	1,137	1,145	1,078	932	983	908	880	896	Automobile Accid.
16.7	16.0	16.0	15.0	12.8	13.4	12.3	11.9	12.0	Rate
3,091	3,101	3,316	3,179	3,296	3,203	2,924	3,123	2,989	Other Accidents
43.9	43.7	46.4	44.1	45.4	43.8	39.7	42.1	40.0	Rate
663	665	492	523	459	408	357	320	315	Puerperal diseases
58	61	46	50	44	38	33	29	27	Rate